

WHAT IS CLAIMED IS:

1. A method for manufacturing Ni-Al alloy powders for fuel cells using aluminum chloride, the method comprising the steps of:
 - 5 (a) mixing Al powders with Ni powders; and
 - (b) supplying gas containing catalytic AlCl_3 to the mixed powders of the step (a) at a temperature of below fusion points of Ni and Al to chemically react Ni and Al with each other, thus forming Ni-Al alloy powders.
- 10 2. A method for manufacturing Ni-Al alloy powders for fuel cells using aluminum chloride as claimed in claim 1, wherein the gas containing catalytic AlCl_3 is any one of He, Ar, H_2 and N_2 .
- 15 3. A Ni-Al alloy powder for fuel cells, manufactured by the method according to claim 1.
4. A Ni-Al alloy powder for fuel cells, manufactured by the method according to claim 2.